

Date: Fri, 14 Oct 94 04:30:16 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
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Precedence: List  
Subject: Info-Hams Digest V94 #1122  
To: Info-Hams

Info-Hams Digest                      Fri, 14 Oct 94                      Volume 94 : Issue 1122

Today's Topics:

        HELP find NC-Tech study prg. for IBM!  
                HELP GP161B  
        WTB: Radar gun... (4 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 11 Oct 1994 23:06:20 -0700  
From: arbee@teleport.com (Johnnie D. Jordan)  
Subject: HELP find NC-Tech study prg. for IBM!

I want to get my girlfriend into HAM radio (and computers).. I bought  
her a lap-top to learn on and now I'd like to find a really god PD  
program to help her study for the no-code-tech license.. The program  
should be cga or ega as the lap-top has no vga.. Obviously, the program  
must have the questions/answers form the NEW question pool and  
explanations of the answers would be a BIG plus, as would good  
graphics.. I've searched several databases and only found old  
programs.. Please help me!

TNX

73 de KB7VZL     John Jordan Salem, Oregon USA

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arbee@teleport.COM

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Date: 14 Oct 94 07:24:16 GMT  
From: johnnym@hpc1tr08.NETH.hp.COM (Johnny van Mourik)  
Subject: HELP GP161B

Hello GP 161B users,

Can anybody tell me ,how I can download (get, bget or?) a program with GP161B?  
What are the commnads or icons I have to use?  
For example, I want to download the file "GP161B.ZIP" from a BBS.  
How do I start?

Thanks,  
Johnny van Mourik  
NL1JVM

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Date: Wed, 12 Oct 1994 06:09:53 GMT  
From: billn@hpcvaac.cv.hp.com (bill nelson)  
Subject: WTB: Radar gun...

zoom@iastate.edu (Speed Bump) writes:

:  
: I'm pretty sure you cant transmit light of the appropriate  
: frequency/pulse duration or coherency to turn all of the traffic lights  
: green like emergency vehicles do. Or can you?

Sure you can. Some just use a strobe at a particular frequency, others  
supposedly use a coded sequence - which would be harder to trigger.  
Coherency is unnecessary.

Bill

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Date: Wed, 12 Oct 1994 06:08:00 GMT  
From: billn@hpcvaac.cv.hp.com (bill nelson)  
Subject: WTB: Radar gun...

hutchine@river.it.gvsu.edu (E.Hutchinson-N8XHP) writes:

:  
: Well Dave...I just recieved a brochure from K-40 electronics division  
: and they have come out with a little device that is retrofitted in a  
: license plate...they say if you get a ticket by laser then they will  
: send you a check for DOUBLE the amount...they also state that it is  
: 100% legal in all 50 states...and sugg. retail price is \$199.99, kinda

: sounds neat-o to get on and figure out how it does it...

I suspect they will be paying a lot of bucks. One of the reasons for using laser is that the beam can be focused easily - since it is coherent, unlike radar. That means that the beam may not even strike the license plate. The beam could be kept to under a foot in diameter, at the points where the automobile's distance is determined - without even having to focus the beam. You cannot detect it, if it isn't there.

Bill

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Date: Wed, 12 Oct 1994 05:58:31 GMT  
From: billn@hpcvaac.cv.hp.com (bill nelson)  
Subject: WTB: Radar gun...

steinr@ucs.orst.edu (Jean-Luc Picard) writes:

: >  
: >All the units I have seen have a trigger on them - so called "instant on"  
: >units. There might be a high EM field, but no microwaves. Are the cops so  
: >stupid that they would rest the mouth of an active radar unit on their  
: >testicles? Highly unlikely.  
: >  
: ...  
: ...  
: >  
: >Maybe they get the cancer from the sugar in their doughnuts.  
: >  
: >Bill  
:  
: Actually, most of the officers that get this form of cancer are motorcycle  
: officers since they must rest their gun near this part of their body  
: when chasing a car.  
: Also the officers in autos may incidentally rest the gun there if they  
: throw it down in a hurry to chase a "speeder".  
: It's not done by choice, that's guaranteed...

Did you see the part about the trigger? How do they dose themselves if it is shut off? Also, I would expect that they would have a bracket for such expensive equipment - on a motorcycle. Having been a motorcycle rider in the past, there is no way that I would trust something placed in my lap.

Bill

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Date: Wed, 12 Oct 1994 06:02:50 GMT  
From: billn@hpcvaac.cv.hp.com (bill nelson)  
Subject: WTB: Radar gun...

gregor@nrlfs1.nrl.navy.mil (joe gregor) writes:

:  
: Now, this can only occur if the radiation you are exposed to is \*ionizing\*  
: radiation, i.e. finite mass particles (electrons, protons, ions if energetic  
: enough). The most common forms people are exposed to day to day are medical  
: X-rays, and rocks in the soil. Electromagnetic radiation at the frequencies of  
: light or below is \*not\* ionizing radiation. The coupling between this energy  
: and cell structures in your body cannot be modeled as an interaction between  
: a penetrating high energy particle and the cell. In order for this energy to  
: couple into your body you would need a resonant structure whos size is some  
: multiple or reasonable sub-multiple of the radition wavelength.

Yep. You can cook the sell, but you cannot cause it to mutate.

... deleted ...

: Recently the FDA has responded to widespread fear of health effects due  
: to power line and cellular telephone exposure by starting a rather large  
: study on the biological and health effects of exposure electromagnetic fields.  
: I attended a seminar at the University of Maryland sometime last year where  
: the latest data was discussed. No conclusion was indicated, although they were  
: trying very hard to find \_some\_ correlation. In some cases the data supported  
: the conclusion that living under power lines \*reduced\* the likelihood of  
: contracting some forms of cancer. This is counterintuitive. What it means  
: is that any correlation is in the noise.

:  
: They have also failed on the theoretical and experimental fronts to show  
: any mechanism for the alleged health effects of exposure to these fields,  
: although they have just gotten started. They did show experimentally that  
: exposure to strong magnetic fields caused isolated cells of one type to change  
: shape. The cell would change back to normal when out of the field and no short  
: or long term effects on the cells operation were found. I find this result  
: far less surprising than they did, given that certain animals like birds  
: can sense the earths magnetic field for use as a guidance mechanism. The cell  
: would \*have\* to respond to a magnetic field in \*some\* way for birds to  
: accomplish this feat!

Thanks for the info. It agrees with what I have been able to find out.

Bill

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Date: 12 Oct 1994 13:37:23 GMT

From: smasters@bzy.gmu.edu (Shawn C. Masters)

References<36rn41\$d7@newsgate.dircon.co.uk> <374h38\$13n@portal.gmu.edu>,  
<1994Oct10.130145.3885@arrl.org>

Subject: Re: "How far" does 1 milliwat (and 1 watt) go?

Zack Lau (KH6CP) (zlau@arrl.org) wrote:

: Liquid Helium is only useful in the microwave spectrum. The background  
: noise temperature at 144 and lower frequencies is too high to derive any  
: significant benefit from cooling your preamp (room temperature designs can  
: exhibit 0.2 to 0.3 dB NF, if cost is not a factor). To obtain a low  
: system noise figure, not only must you have a low noise preamplifier, but  
: you must also have an antenna with a clean pattern that isn't pointed at  
: any warm objects (milky way, the sun, the ground....). The professionals  
: do this with huge horn antennas.

I wasn't thinking about 2 meters, even though the original article  
had posted it. Thanks for correcting the oversight. Although I think the  
background noise is low enough to allow cooling to benefit the UHF band. It  
may not be much of a gain, but some should be available.

73,

Shawn  
KE4GHS

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End of Info-Hams Digest V94 #1122

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